

FIG. 1  
PRIOR ART

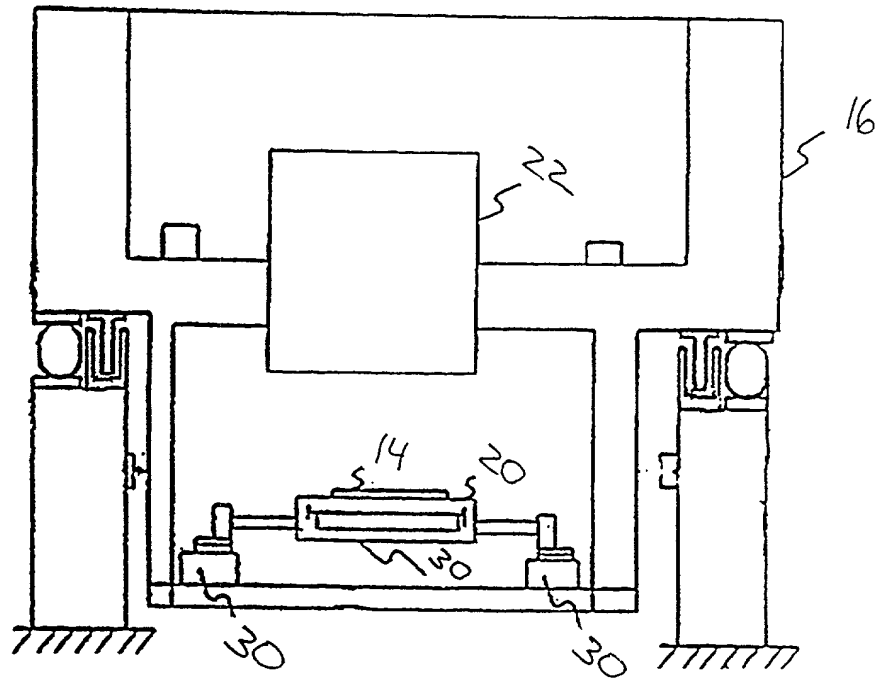


FIG. 2  
PRIOR ART

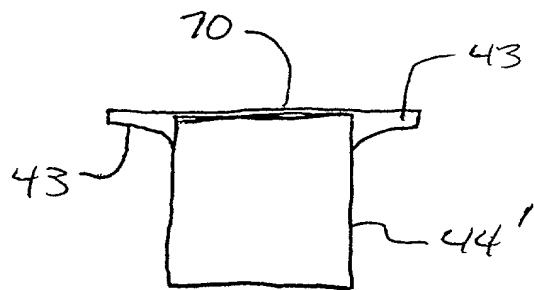


FIG. 3(A)

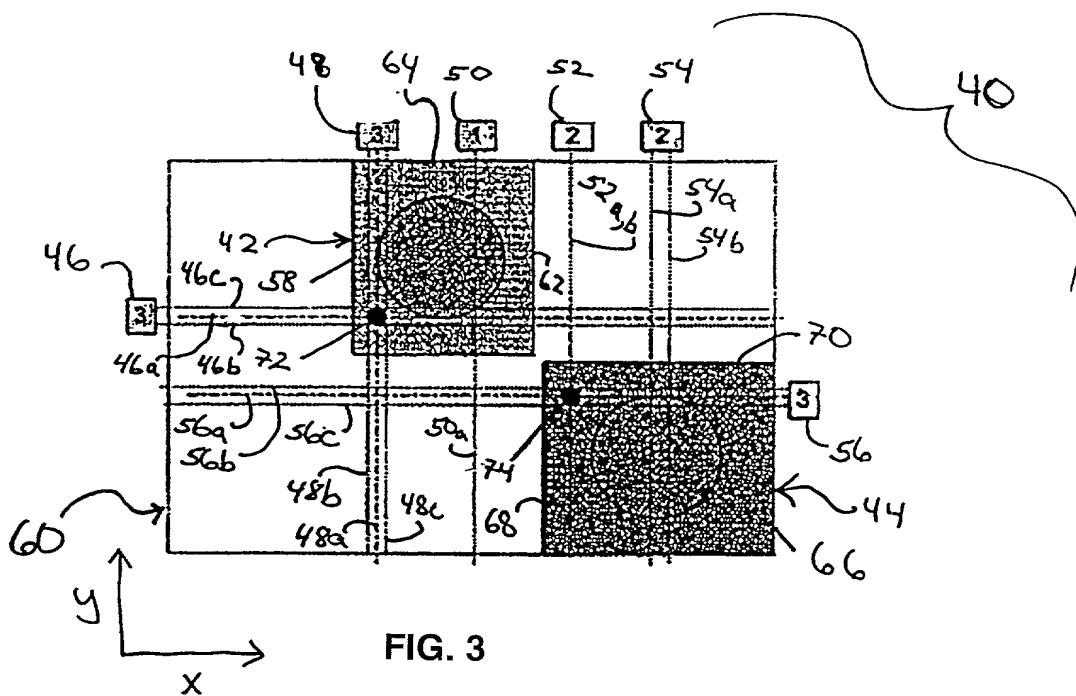


FIG. 3



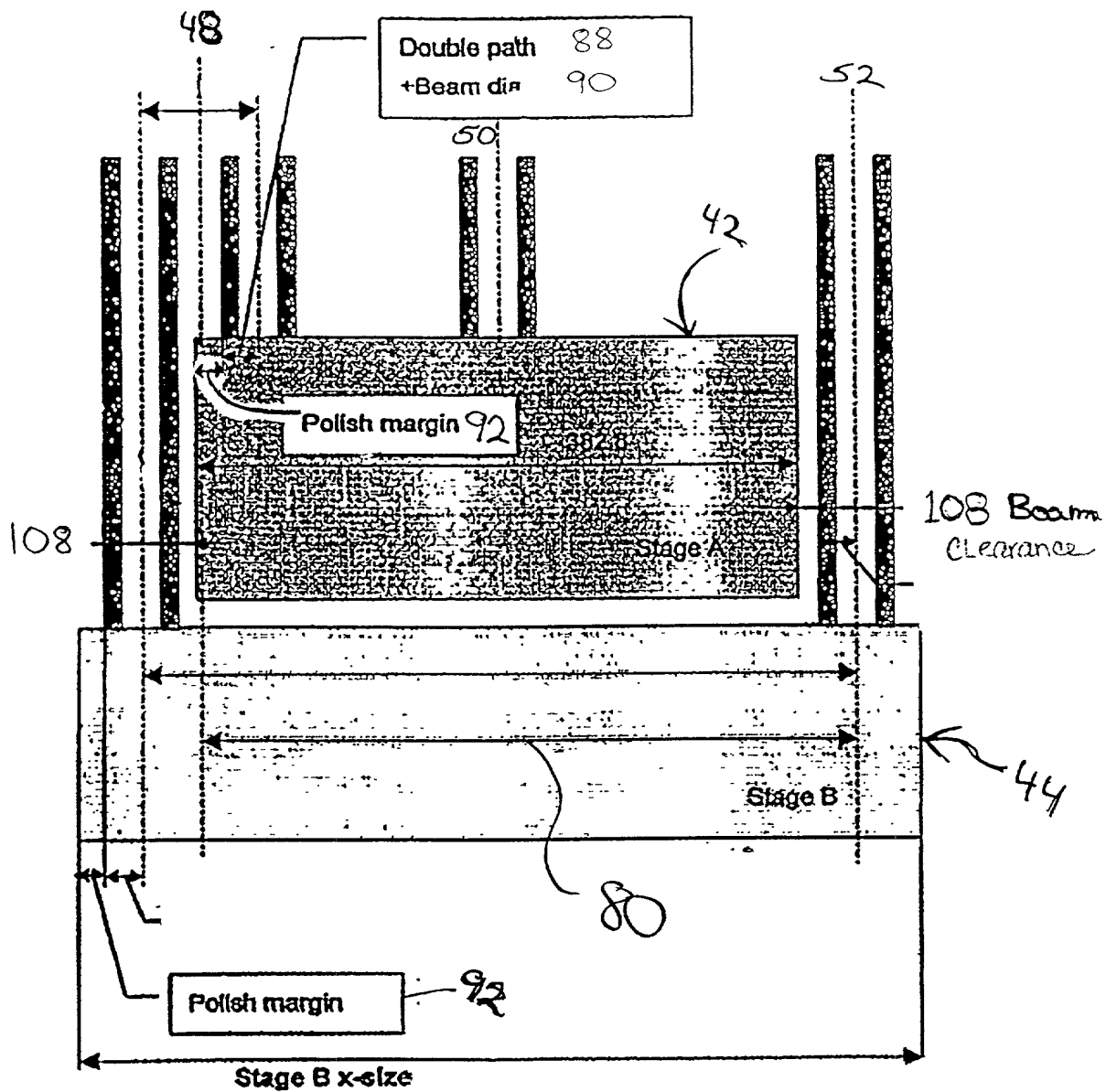


FIG. 5

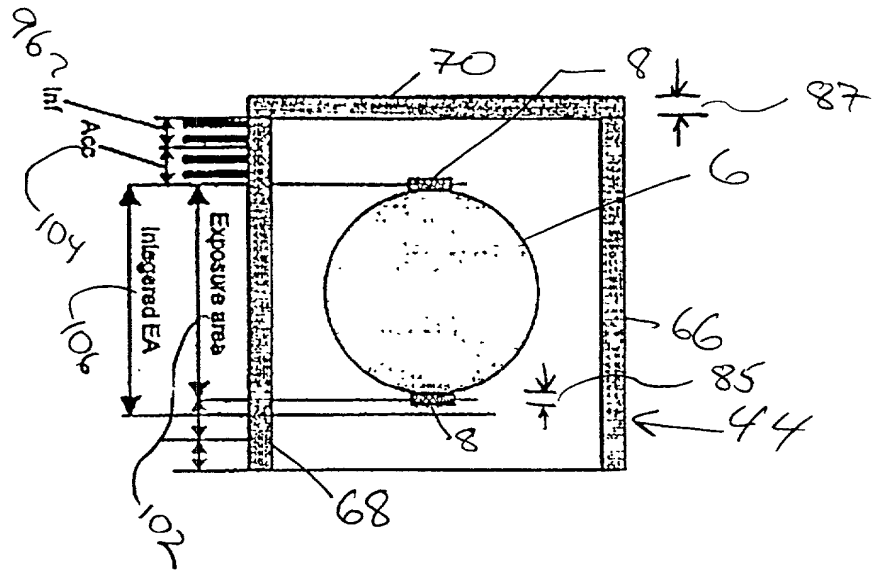


FIG. 6

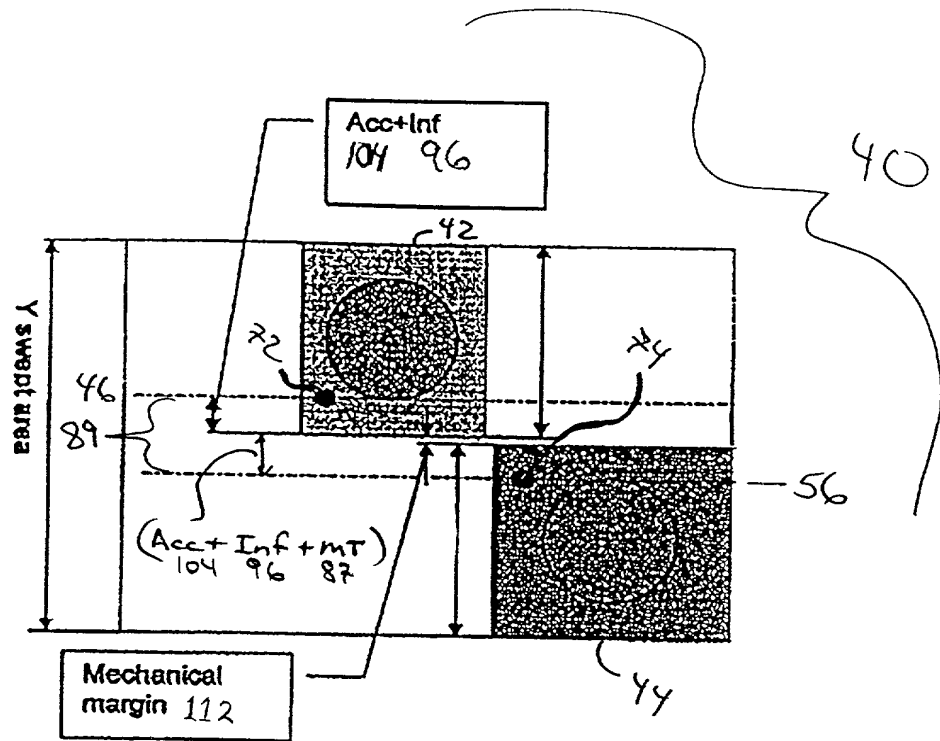
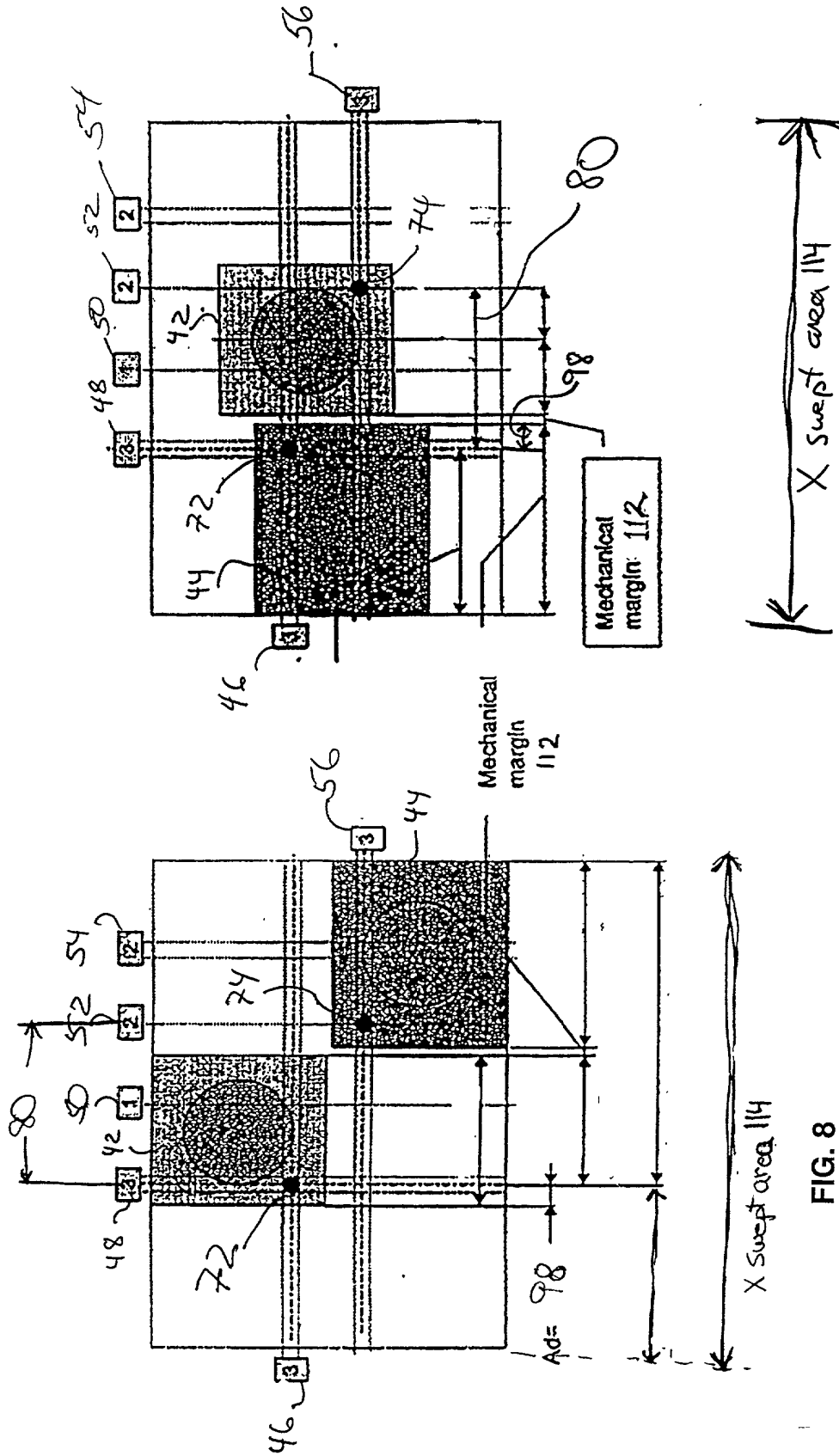


FIG. 7



**FIG. 8**



**FIG. 9**





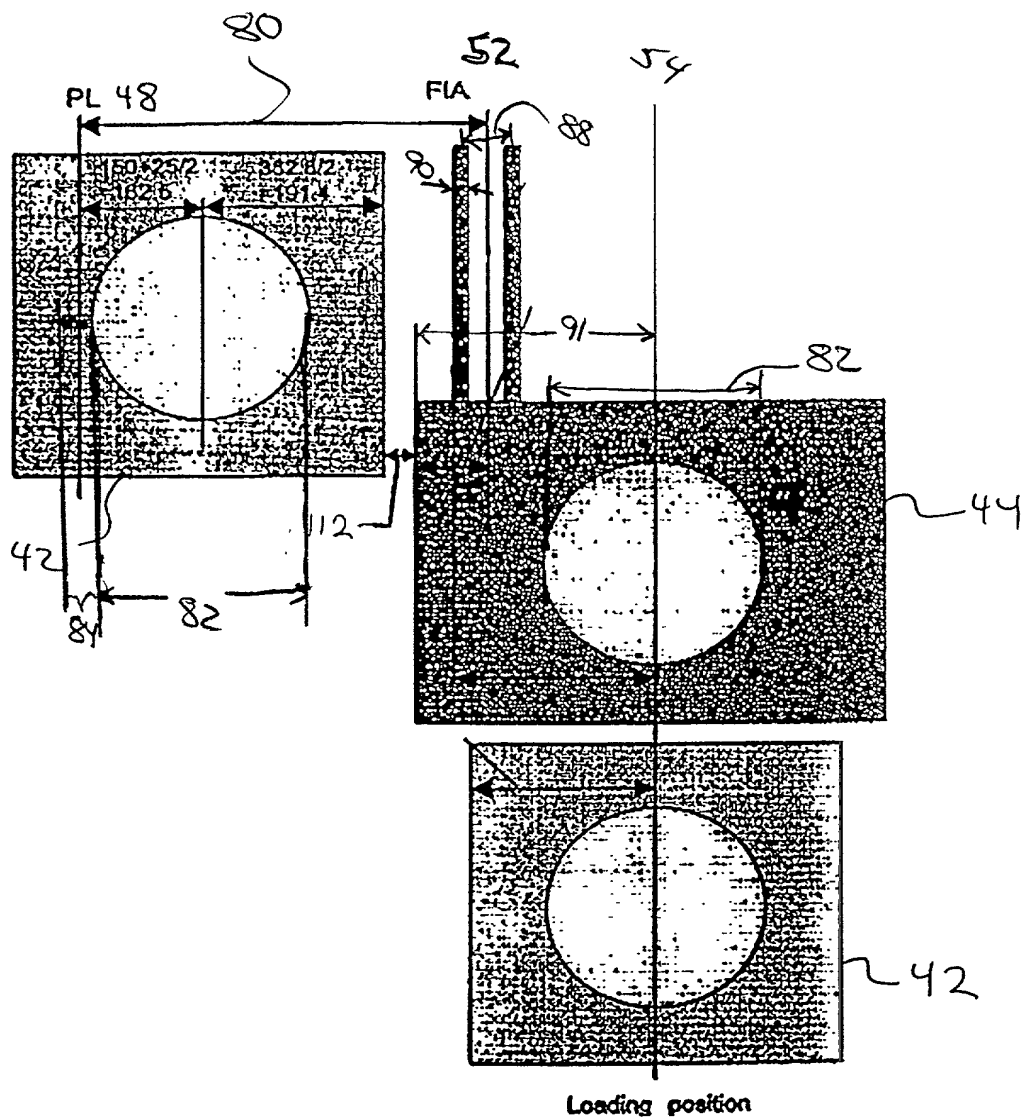


FIG. 11

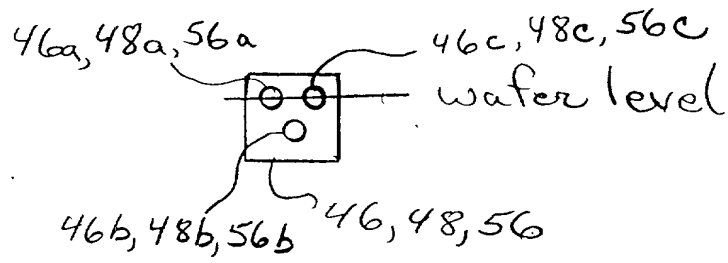


FIG. 12(A)



FIG. 12(B)



FIG. 12(C)

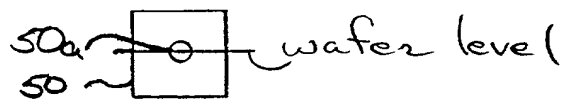
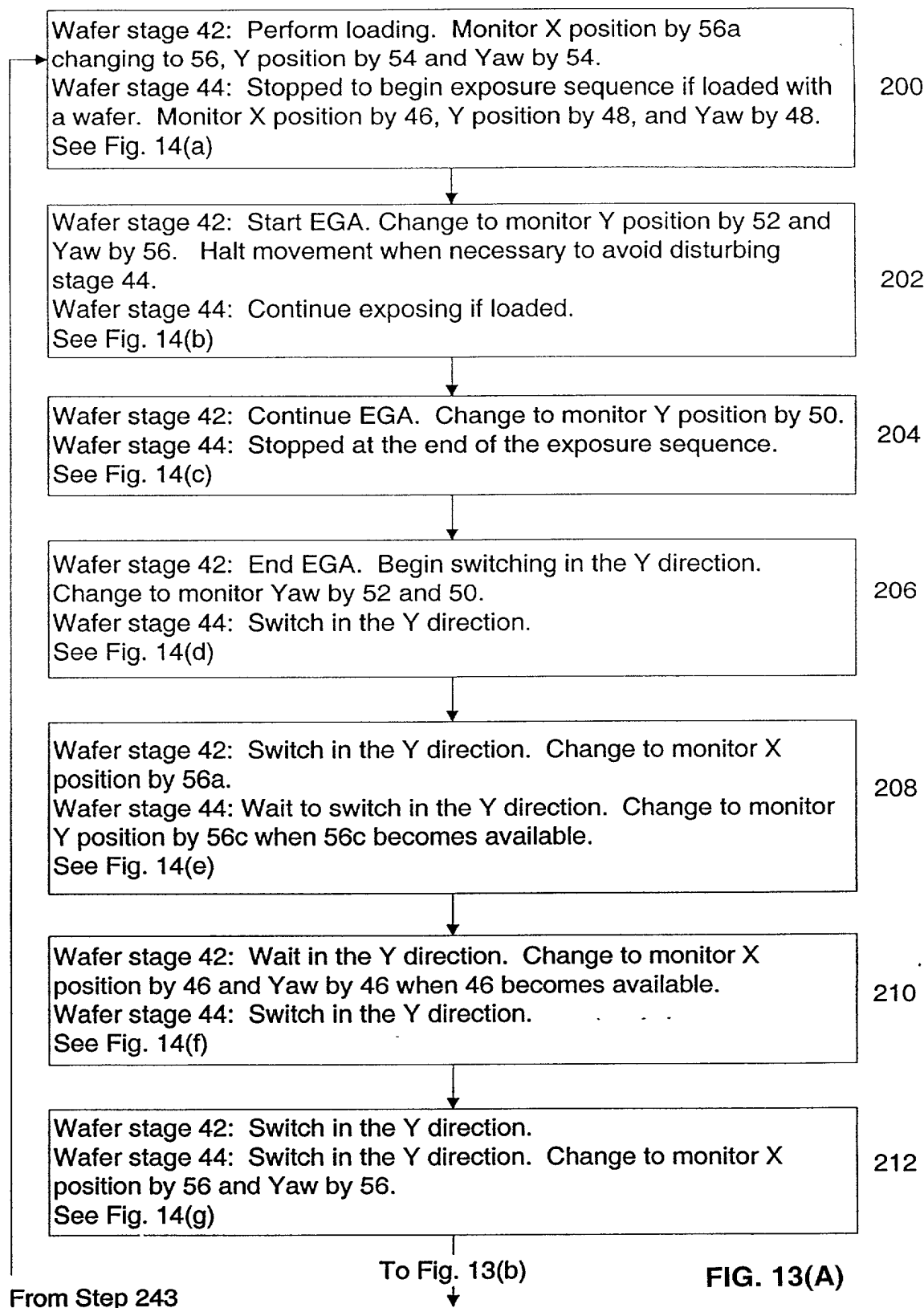
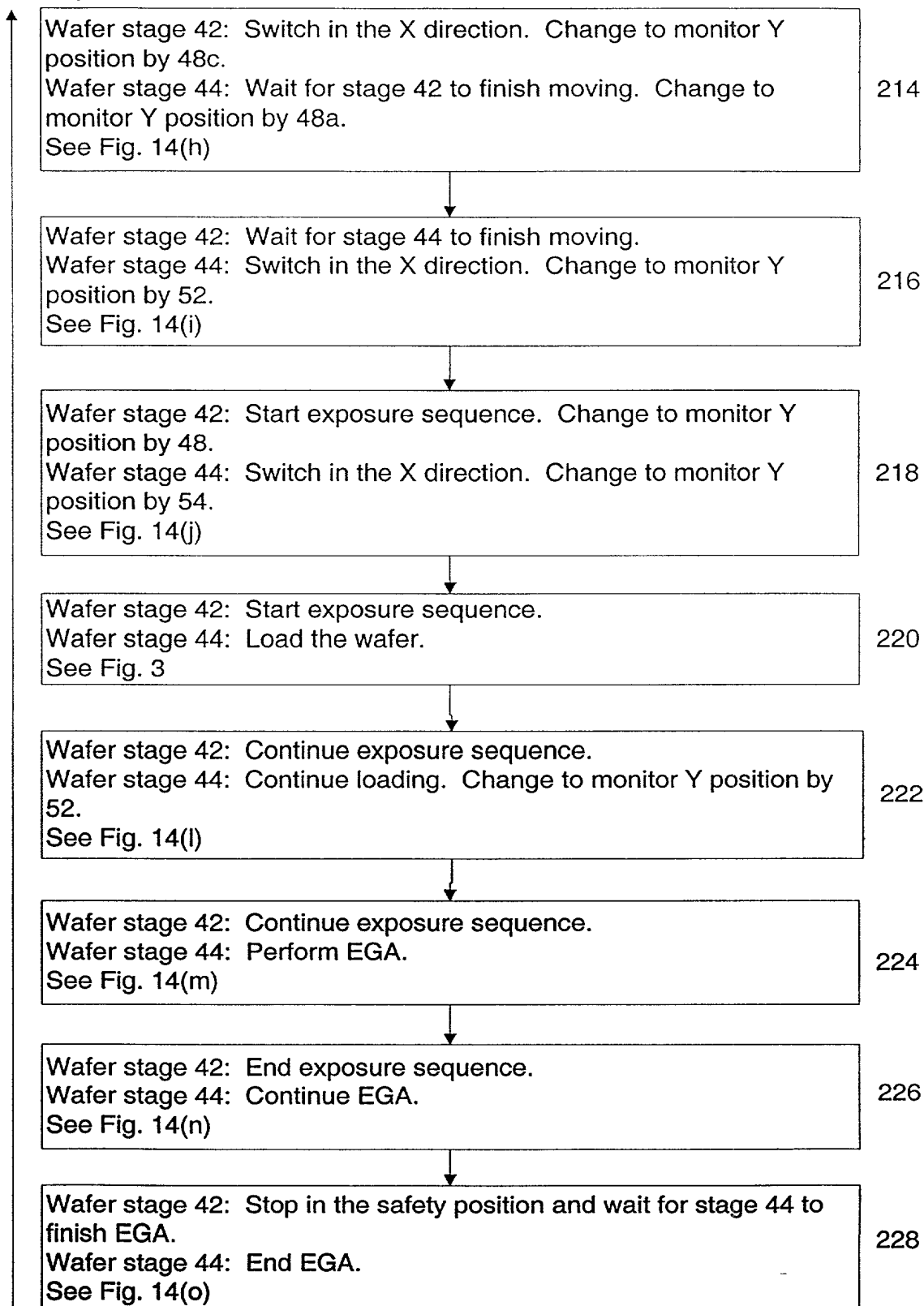


FIG. 12(D)



To Fig. 13(a)  
and step 200



To Fig. 13(c)

FIG. 13(B)

To Fig. 13(a)  
and step 200

From Fig. 13(b) and step 228

Wafer stage 42: Stop in the safety position.  
Wafer stage 44: Switch in the X direction.  
See Fig. 14(p) 230

Wafer stage 42: Switch in the X direction. Change to monitor Y position by 50.  
Wafer stage 44: Wait for 48a to become available to control Y position. Resume switching in the X direction.  
See Fig. 14(q) 232

Wafer stage 42: Continue switching in the X direction.  
Wafer stage 44: Wait in the switch X/wait position. Change to monitor Y position by 48a.  
See Fig. 14(r) 234

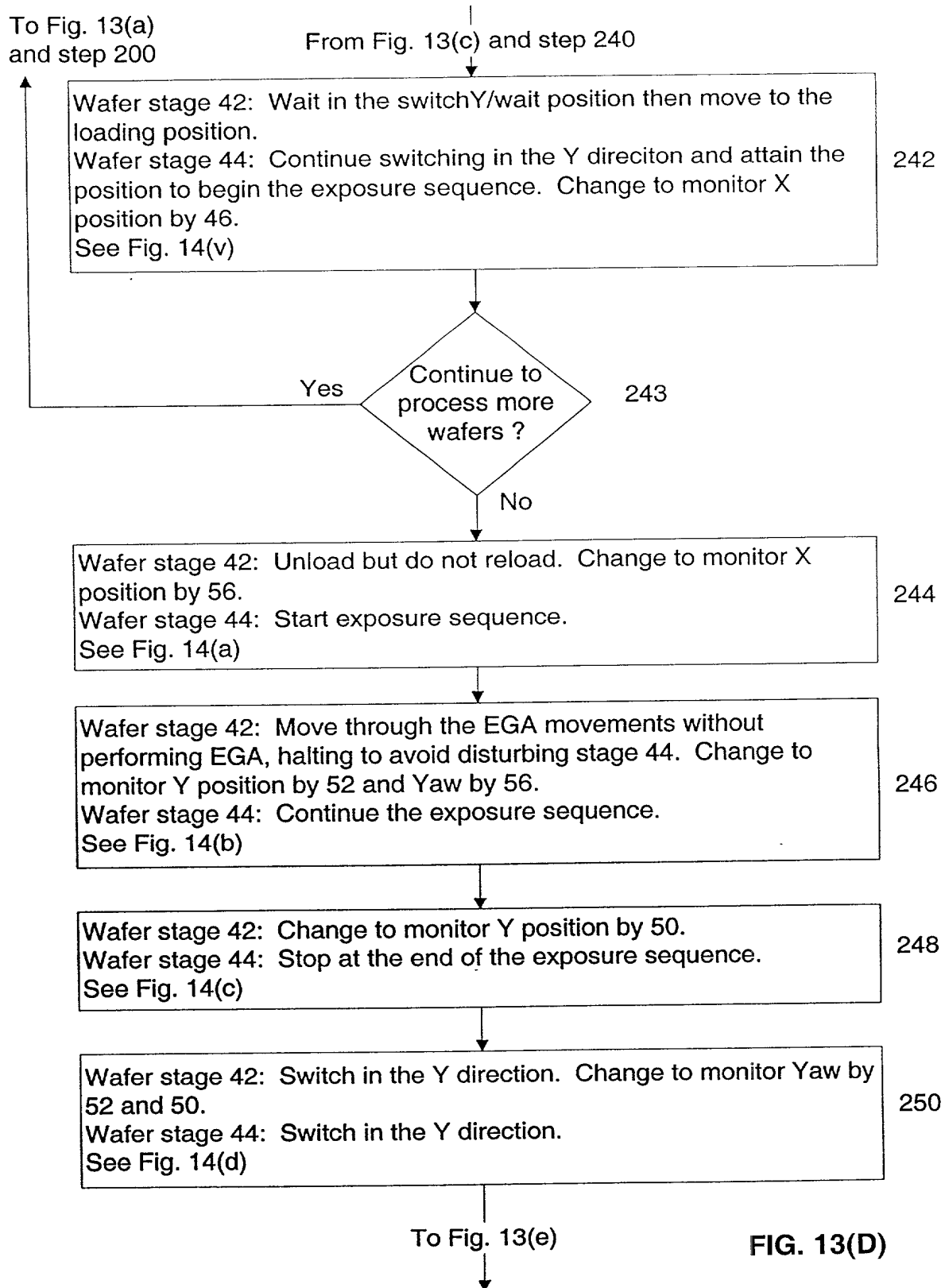
Wafer stage 42: Continue switching in the X direction. Change to monitor Y position by 52.  
Wafer stage 44: Wait in the switch X/wait position. Change to monitor Y position by 48 and Yaw by 48.  
See Fig. 14(s) 236

Wafer stage 42: Continue switching in the X direction. Change to monitor Y position by 54 and Yaw by 54.  
Wafer stage 44: Wait in the switch X/wait position.  
See Fig. 14(t) 238

Wafer stage 42: Switch in the Y direction. Change to monitor X position by 56a.  
Wafer stage 44: Switch in the Y direction. Change to monitor X position by 56c.  
See Fig. 14(u) 240

To Fig. 13(d)

FIG. 13(C)



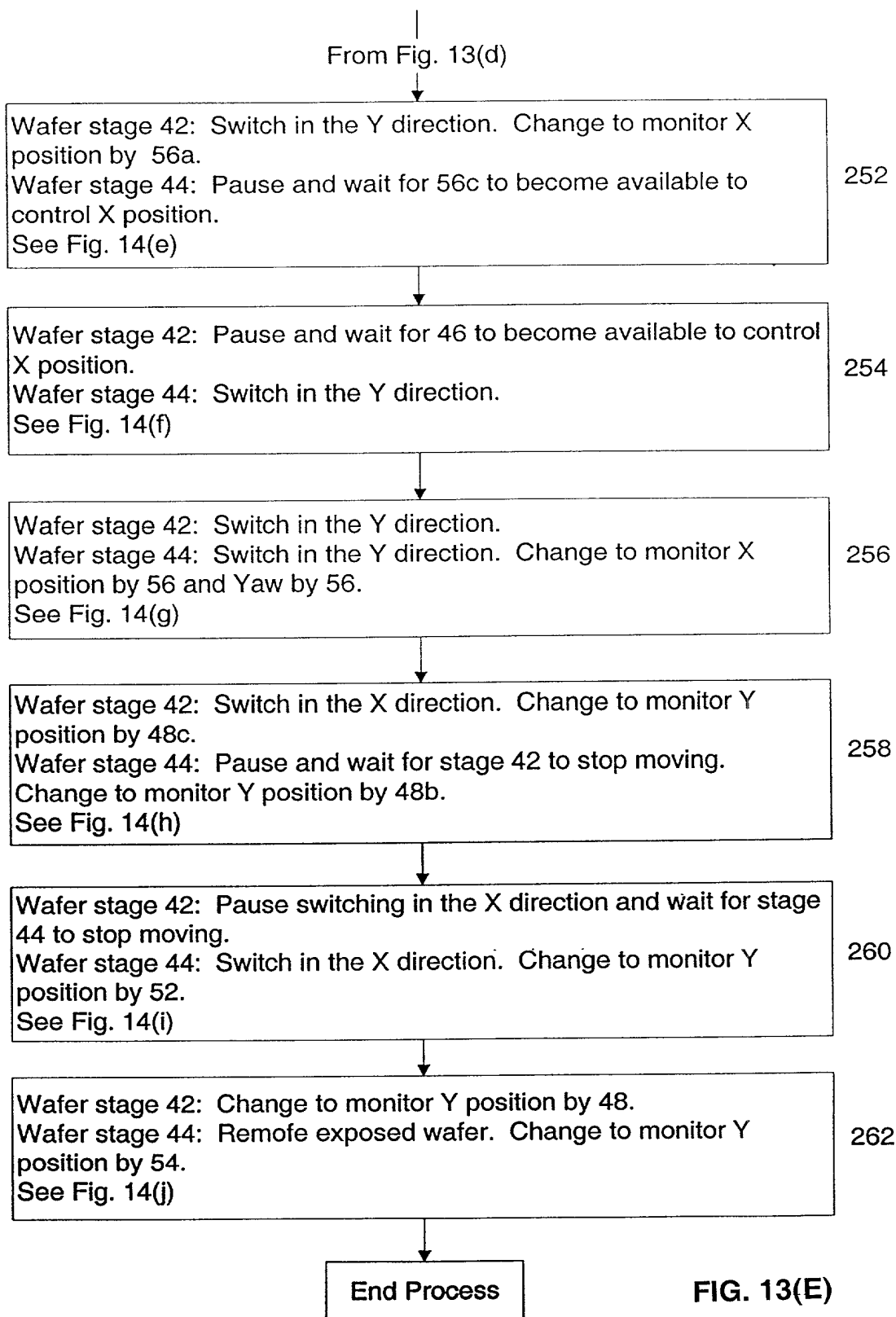


FIG. 13(E)

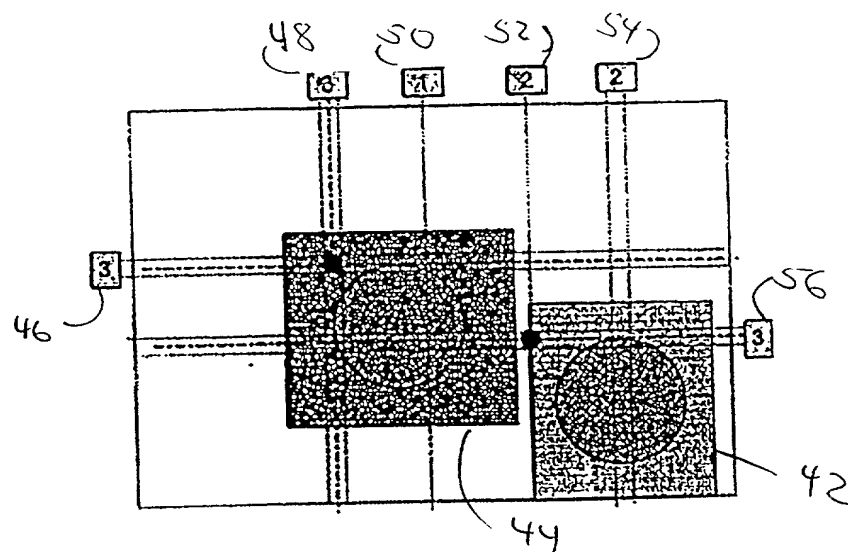


FIG. 14(A)

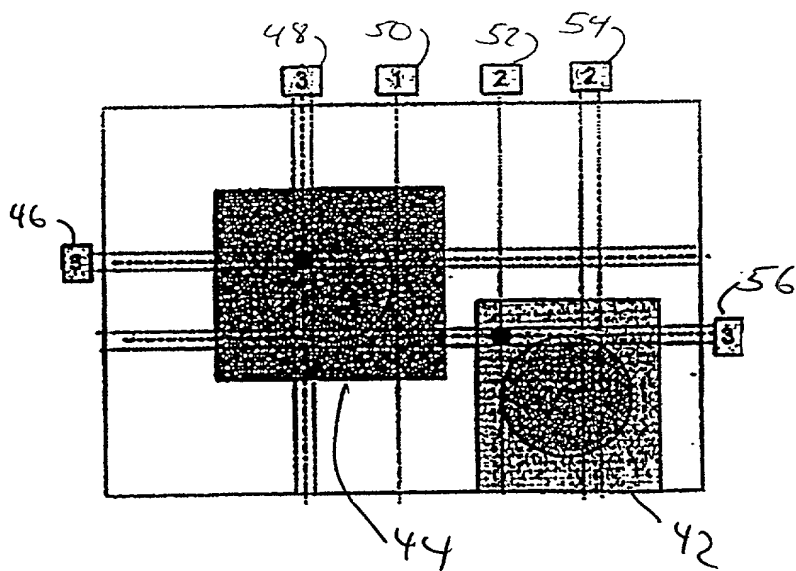


FIG. 14(B)



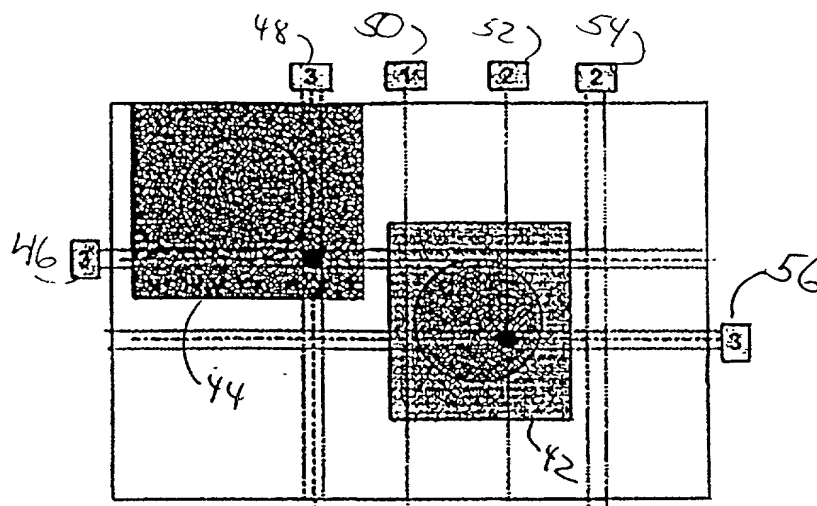


FIG. 14(C)

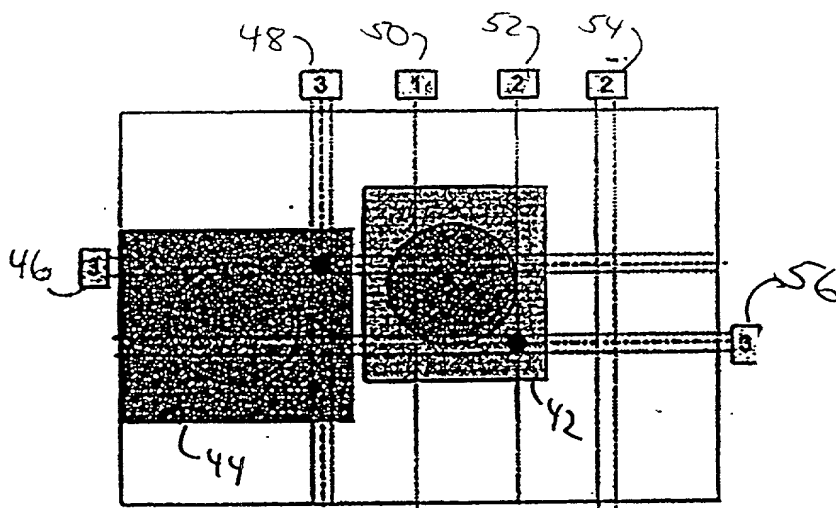


FIG. 14(D)

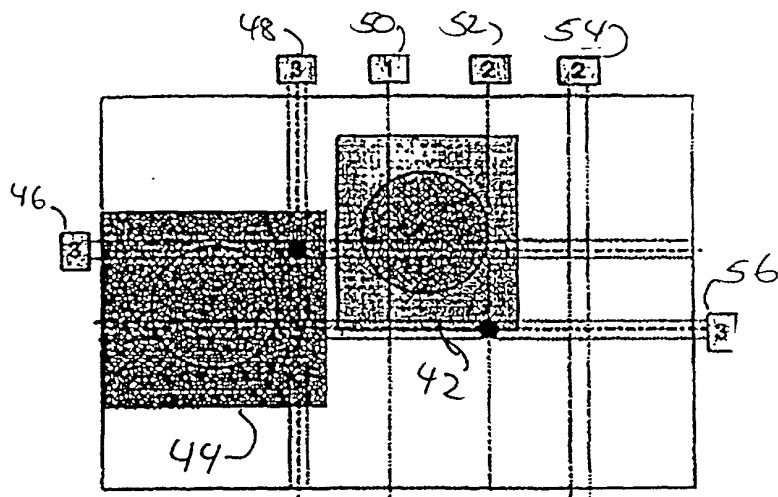


FIG. 14(E)

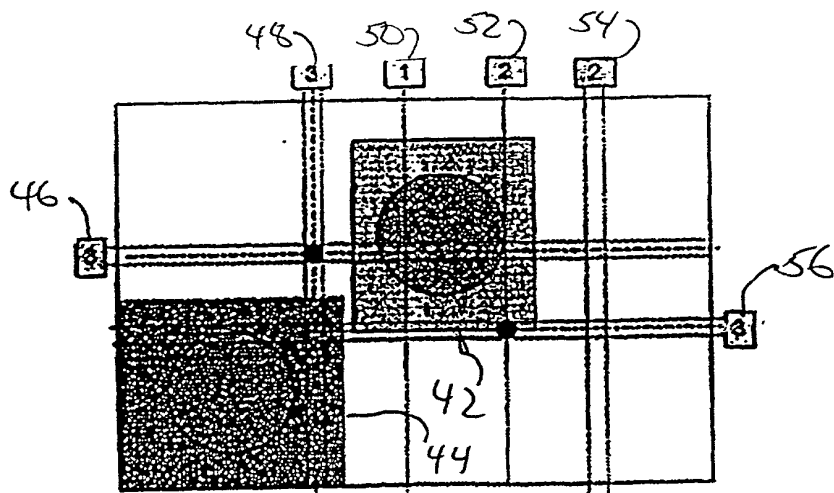


FIG. 14(F)

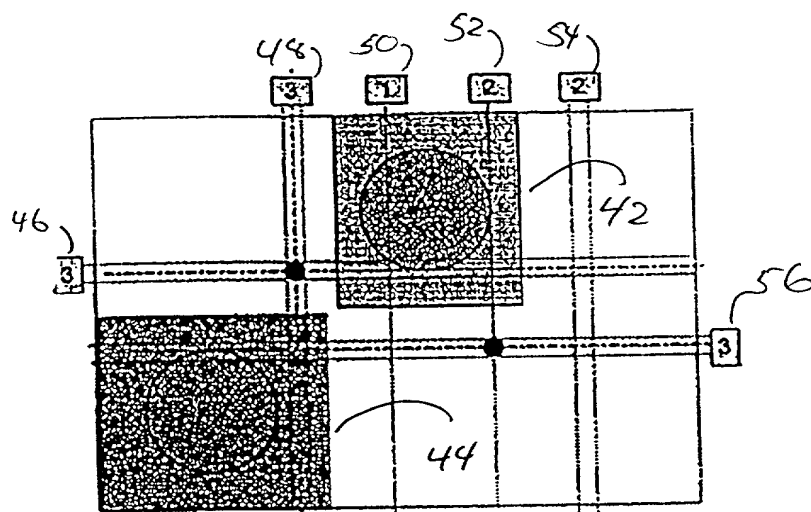


FIG. 14(G)

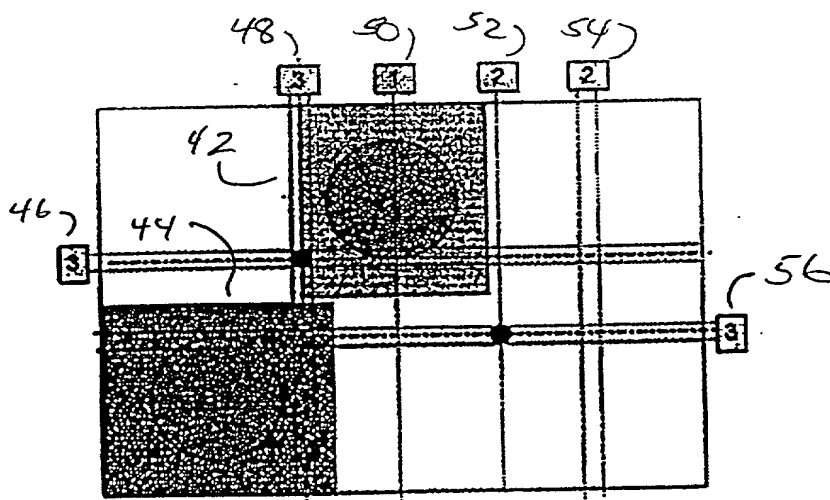


FIG. 14(H)

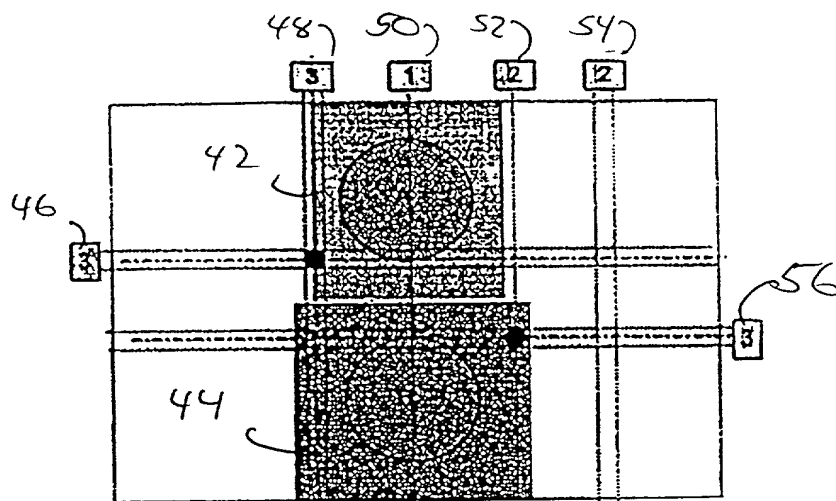
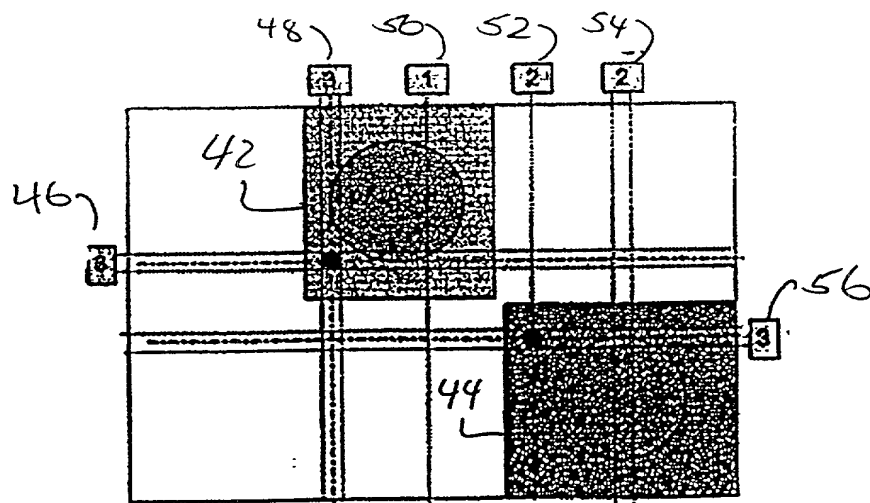


FIG. 14(I)



**FIG. 14(J)**



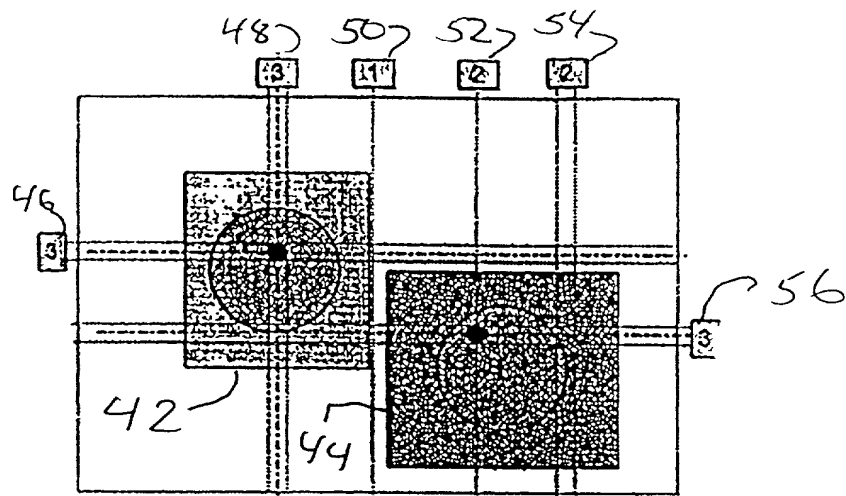


FIG. 14(M)

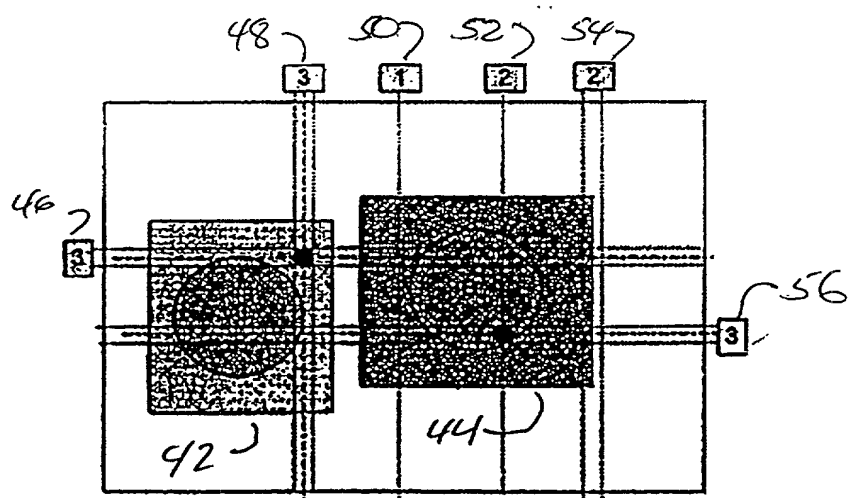


FIG. 14(N)

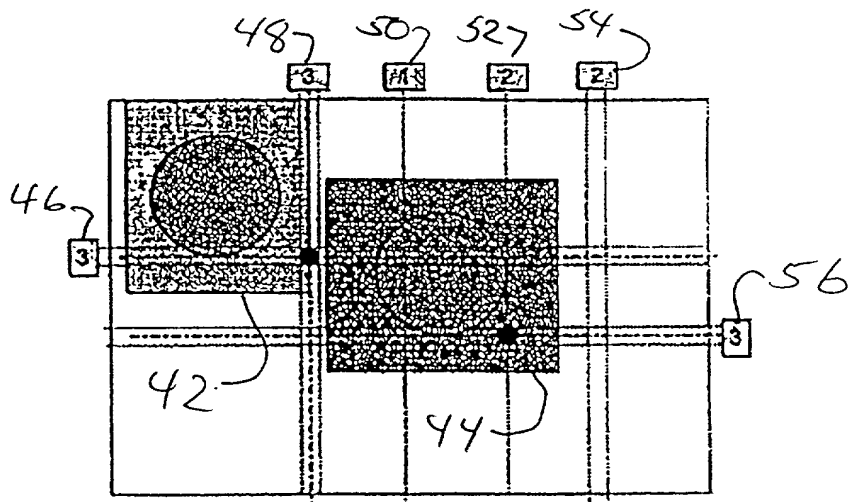


FIG. 14(O)

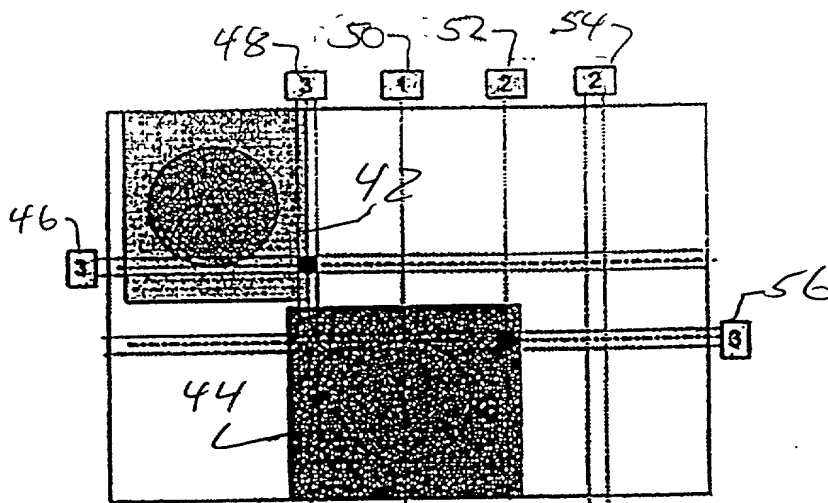


FIG. 14(P)

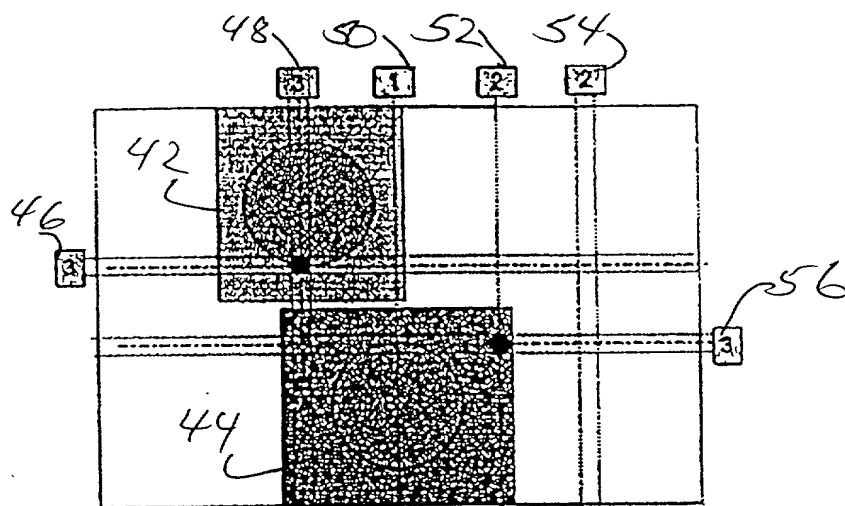


FIG. 14(Q)

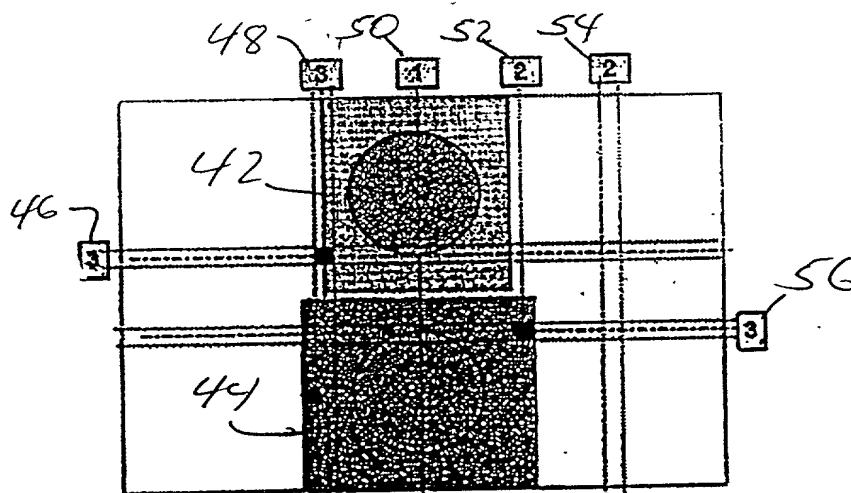


FIG. 14(R)



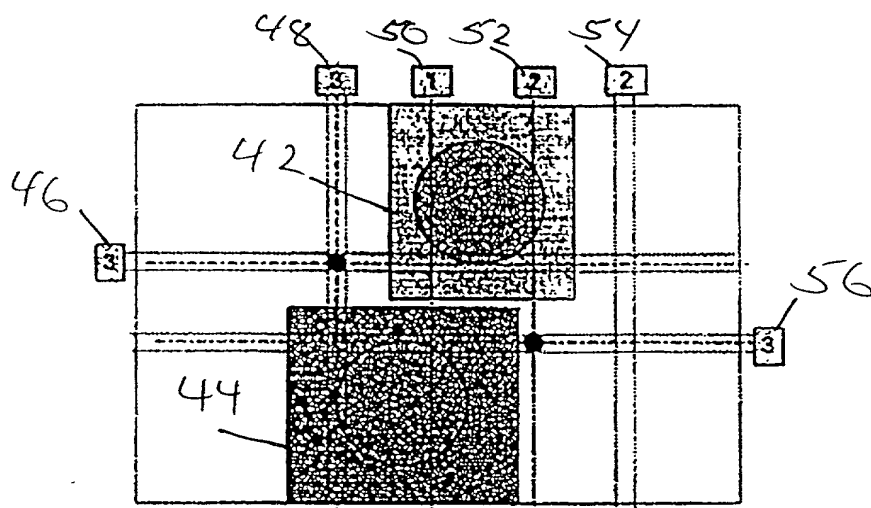


FIG. 14(S)

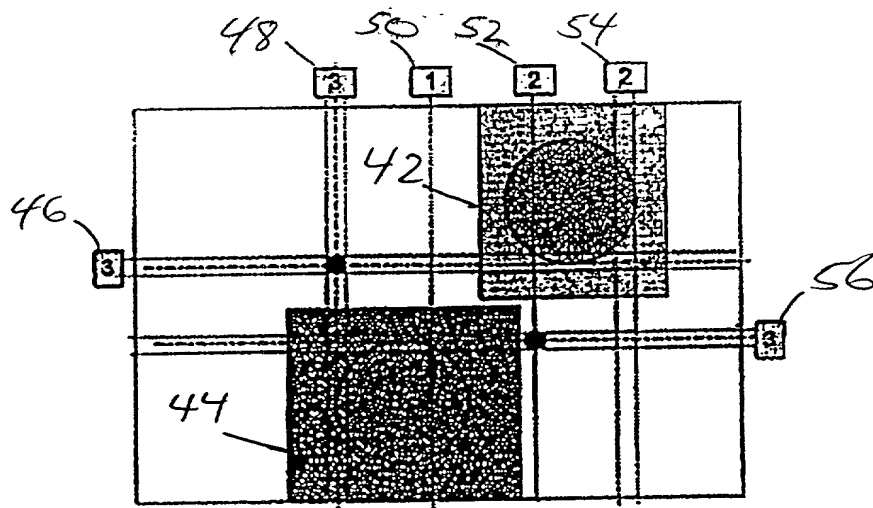


FIG. 14(T)

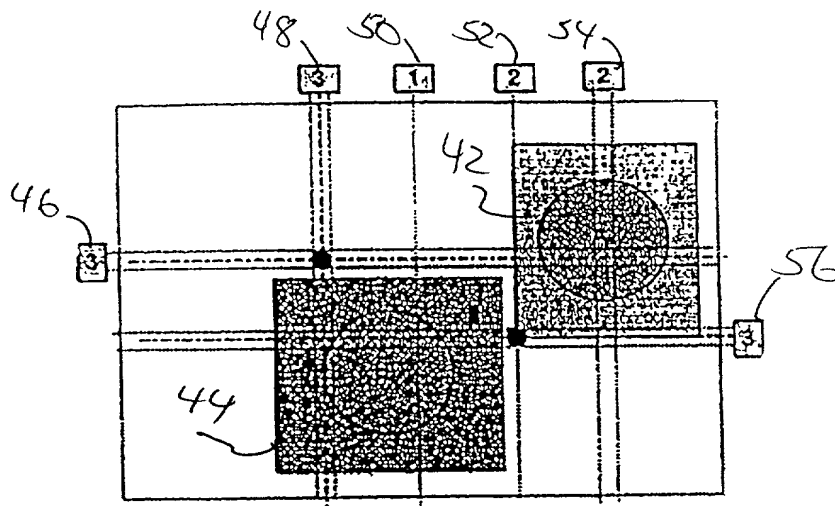


FIG. 14(U)

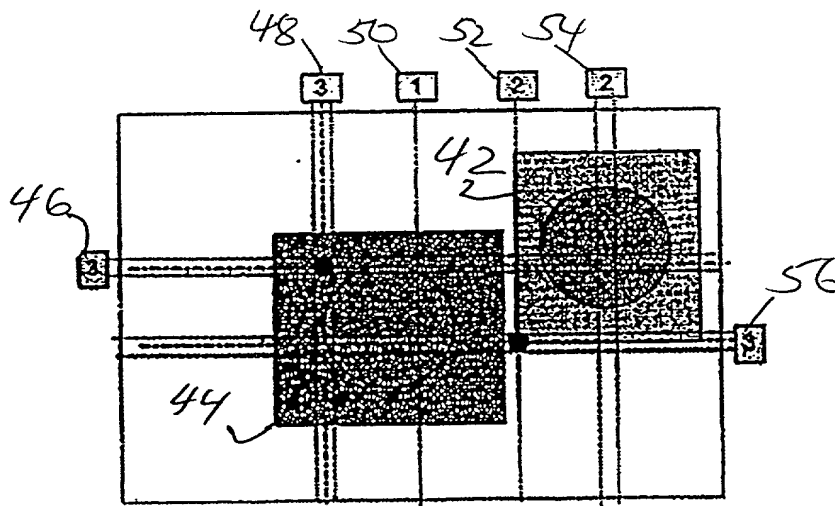


FIG. 14(V)